

I CLAIM

1. Nail-guiding grooves of a nail cartridge of a nailing gun respectively comprising a combining groove formed integral at one side on which the nail heads of a nail row rest, said combining groove fixed inside with a
5 abrasion-resisting plate, said nail heads of said nail row resting against said abrasion-resisting plate and shifting thereon in the process of nail striking and nail supplying of said nail row, enabling said nail row shift smoothly
10 and preventing nails from being deadlocked.

2. The nail-guiding grooves of the nail cartridge of a nailing gun as claimed in Claim 1, wherein said combining groove has one side wall or two side walls respectively and laterally provided with a positioning
15 rib at a preset height, and said abrasion-resisting plate has two side edges respectively provided with a positioning notch matching with said positioning rib to let said abrasion-resisting plate fitted stably in said combining groove.

20 3. The nail-guiding grooves of the nail cartridge of a nailing gun as claimed in Claim 2, wherein said positioning rib and said positioning notch are respectively V-shaped.

4. The nail-guiding grooves of the nail cartridge of
25 a nailing gun as claimed in Claim 2, wherein said positioning rib and said positioning notch are respectively round-shaped.

5. The nail-guiding grooves of the nail cartridge of a nailing gun as claimed in Claim 2, wherein said positioning rib and said positioning groove are respectively shaped rectangular.

5 6. The nail-guiding grooves of the nail cartridge of a nailing gun as claimed in Claim 1, wherein said nail-guiding grooves of said nail cartridge are made integral of aluminum alloy.

10 7. The nail-guiding grooves of the nail cartridge of a nailing gun as claimed in Claim 1, wherein said nail-guiding grooves of said nail cartridge are made integral of engineering plastic.

15 8. The nail-guiding grooves of the nail cartridge of a nailing gun as claimed in Claim 1, wherein said nail-guiding grooves of said nail cartridge are made integral of reinforced plastic.

20 9. The nail-guiding grooves of the nail cartridge of a nailing gun as claimed in Claim 1, wherein said abrasion-resisting plate is a steel plate of high strength and high wear resistance.

25 10. The nail-guiding grooves of the nail cartridge of a nailing gun as claimed in Claim 1, wherein said combining groove is respectively disposed at the opposite portions of one side of said nail-guiding groove, on which said nail heads of said nail row rest.

11. The nail-guiding grooves of the nail cartridge of a nailing gun as claimed in Claim 1, wherein the width

of said combining groove or said abrasion-resisting plate is two thirds of the thickness of the wall between two said nail-guiding grooves.

5

10

15

20

25